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L – 6385

Reg. No. :

Name :

First Semester M.Sc. Degree Examination, August 2021

Home Science

X D : FOOD AND NUTRITION / X E - NUTRITION AND DIETETICS

HS 211 D/E - HUMAN PHYSIOLOGY

(2018 Admission Onwards)

(Common for HS 211D/ HS 211E)

Time : 3 Hours

Max. Marks : 75

PART – I

All questions carry equal marks. No answer should exceed 4 pages.

1. (a) Elaborate on the composition and functions of blood.

OR

(b) Explain the cardiac cycle and bring out the relation with heart sounds and ECG

2. (a) Detail the formation of urine in the structural units of the kidneys. Discuss normal and abnormal constituents of urine.

OR

(b) Describe the structure of the brain with the aid of a neat figure.

(2 × 15 = 30 Marks)

P.T.O.



PART – II

All questions carry equal marks. No answer should exceed 2 pages.

3. (a) Elaborate on the pituitary as the Master gland of the endocrine system.

OR

- (b) Explain the anatomy of the eye and the physiology of vision.

4. (a) Discuss in detail the structure of the female reproductive system and menstrual cycle.

OR

- (b) Explain the structural and functional aspects of the human digestive system.

(2 × 10 = 20 Marks)

PART – III

5. Write any **five** of the following each not exceeding 1 page. All question carry equal marks.

- (a) Coagulation of blood
- (b) Dialysis
- (c) Pancreas
- (d) Reflex action
- (e) Functions of skin
- (f) Autonomic Nervous System
- (g) Cell mediated and Humoral Immunity

(5 × 5 = 25 Marks)

